

WHAT IS CLAIMED IS:

1. A loudspeaker system, comprising a virtual acoustic
5 radial transmission line, a tuned port, at least one
waveguide, a right angle waveguide, a reactive element, and a
dynamic driver, whereby the sub-bass frequency response is
improved.

10 2. A virtual acoustic radial transmission line,
comprising a right angle wave guide and flat panel members,
whereby the transmission line improves the low frequency
response of a bass-reflex loudspeaker.

15 3. A virtual acoustic radial transmission line for
improving the lower frequency response of a loudspeaker, the
transmission line comprising a right angle wave guide, one or
more flat panel members and a baffle board, whereby at least
one flat panel member is of approximate dimension to the
20 baffle board.